

Converting Colors

CIELCh(38, 19.395, 274.876)

Have a look what the booklet for
CIELCh(38, 19.395, 274.876)
contains.

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Color

CIELCh(38, 19.132, 275.027)

Conversions

Conversions Part 1

Format	Color
Hex	495A78
RGB	73, 90, 120
RGB Percent	29%, 35%, 47%
CMY	0.7137, 0.6470, 0.5294
CMYK	0.39, 0.25, 0.00, 0.53
HSL	218°, 24%, 38%
HSV	218°, 39%, 47%
XYZ	9.7971, 10.0881, 19.2046
YIQ	88.3370, -19.7620, 5.7260

Conversions

Conversions Part 2

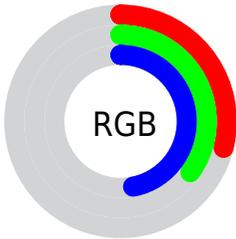
Format	Color
RYB	73, 85, 120
Decimal	4807288
CIELab	38.00, 1.68, -19.06
CIElCh	38, 19.132, 275.027
Yxy	10.0881, 0.2506, 0.2581
Android (android.graphics.Color)	4282997368 (0xFF495A78)
YUV	88.3370, 15.6099, -13.4505
Hunter-Lab	31.7617, -0.5237, -13.6163

Details

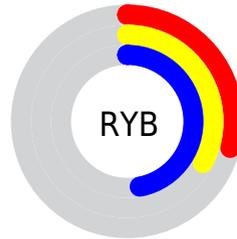
The CIELCh color **38, 19.132, 275.027** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **44, 19.548, 83.875**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 18.909, 274.325**, and **18, 18.706, 273.946** is the 20% darker color. If you saturate the color by 10%, you get **35, 24.163, 277.293**, and if you desaturate by 10%, it is **41, 14.164, 273.076**.

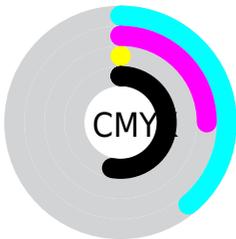
Distribution



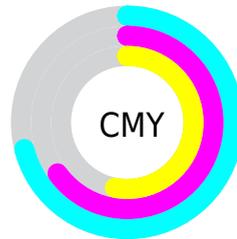
- Red (29%)
- Green (35%)
- Blue (47%)



- Red (29%)
- Yellow (33%)
- Blue (47%)



- Cyan (39%)
- Magenta (25%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 19.132, 275.027 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 38, 19.132, 275.027 by changing the saturation by 10% instead.

 38, 19.132,
275.027

 38, 19.132,
275.027

 100, 19.132,
275.027

 28, 19.132,
275.027

 58, 19.132,
275.027

 18, 19.132,
275.027

 68, 19.132,
275.027

 8, 19.132, 275.027

 78, 19.132,
275.027

 0, 19.132, 275.027

 88, 19.132,
275.027

 98, 19.132,
275.027

■ 38, 19.132,
275.027

■ 38, 19.132,
275.027

■ 35, 24.163,
277.293

■ 41, 14.164,
273.076

■ 32, 29.275,
279.908

■ 44, 9.255, 271.404

■ 48, 4.402, 269.980

■ 29, 34.490,
282.882

■ 51, 0.395, 88.235

■ 26, 39.831,
286.187

■ 54, 5.132, 87.572

■ 23, 45.309,
289.735

■ 57, 9.808, 86.642

■ 60, 14.419, 85.816

■ 21, 50.911,
293.176

■ 63, 18.963, 85.084

■ 20, 51.387,
293.437

■ 66, 23.439, 84.431

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38, 19.132, 275.027



44, 19.548, 83.875

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38, 19.132, 275.027



38, 19.132, 325.027



38, 19.132, 95.027



38, 19.132, 145.027

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38, 19.131, 275.026



59, 7.141, 270.399



47, 20.781, 167.689



30, 4.776, 270.537



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

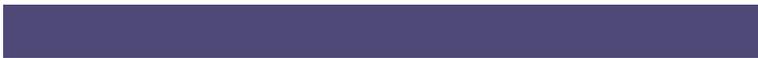
The Same Dimension uses a secret algorithm to generate beautiful new colors.



38, 19.131, 275.026



46, 28.548, 277.049



34, 29.695, 299.168



24, 2.751, 269.970



21, 53.131, 293.606



45, 94.593, 295.679

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37, 22.585, 356.073



45, 33.551, 357.474



49, 27.102, 112.545



24, 3.184, 352.571



25, 50.177, 13.359



54, 85.273, 16.533

Previews

White Background



This preview shows how the CIELCh color 38, 19.132, 275.027 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 38, 19.132, 275.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

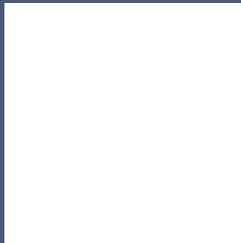
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 19.132, 275.027

Background



This preview shows how black text looks on a background with the CIELCh color 38, 19.132, 275.027.



This preview shows how white text looks on a background with the CIELCh color 38, 19.132, 275.027.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

38, 19.132, 275.027

Protanopia

38, 19.168, 285.609

Deuteranopia

38, 19.809, 284.972



Tritanopia
38, 10.551, 222.532

Trichromacy



Original Color
38, 19.132, 275.027

Protanomaly
38, 18.725, 280.979

Deuteranomaly
38, 19.378, 280.521

Tritanomaly
38, 12.230, 247.960

Monochromacy



Original Color
38, 19.132, 275.027

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 7.127, 271.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 19.132, 275.027 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(73, 90, 120)` looks like.

```
.text, #text, p{  
    color:rgb(73, 90, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(73, 90, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 90, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 19.132, 275.027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(73, 90, 120) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(73, 90, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(73, 90, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 90, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 90, 120);  
box-shadow:4px 4px 4px 4px rgb(73, 90,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 19.132, 275.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 90, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(73, 90,  
120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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